

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1.-7. (Cancelled).

8. (New) A communication terminal comprising:

a first memory configured to store a system program, a parent program, and a management program, wherein the system program is executable to manage execution of both the parent program and the management program, and wherein each of the system program, the parent program, and the management program are stored in the first memory as computer program code executable with a processor;

the first memory further configured to store a child program, wherein the management program is executable to manage execution of the child program, and wherein execution of the child program is a function of the parent program;

the processor operable to execute the system program and the parent program in order to execute the child program, and the processor further operable to execute the management program as a function of the system program;

a second memory in communication with the processor, wherein the second memory includes a work area for the child program;

the processor further configured to store key information associated with the child program in the second memory as a function of the system program and the management program, wherein the key information includes a byte array and a uniform resource locator address;

a receiver in communication with the processor, the receiver configured to receive a message via a communication network; and

the processor further configured to determine that a content of the message matches the key information stored in the second memory as a function of the system program and the management program, and based upon determination that the content of the message matches the

key information stored in the second memory, the processor further configured to write a message received indication in the work area.

9. (New) The communication terminal of claim 8, wherein:
the parent program comprises a JAVA virtual machine;
the child program is a JAVA application program; and
the processor is further operable to execute the child program stored in the first memory in the Java virtual machine as a function of the system program and the parent program.
10. (New) The communication terminal of claim 8, wherein:
the processor is further configured to download from a server the child program and the key information, and the processor is further configured to write the child program and the key information in the first memory in association with each other, and wherein,
the processor is further configured to read the key information from the first memory and store the key information in the second memory during execution of the child program.
11. (New) A communication terminal of claim 8, wherein:
the processor is further configured to download the child program from a server and to write the child program in the first memory, wherein, the uniform resource locator address included in the key information identifies a location of the child program on the server.
12. (New) The communication terminal of claim 8, wherein:
the communication network is a mobile communication network;
the processor is further configured to determine that the message includes a telephone number of the communication terminal; and
the communication terminal is further configured to receive the message based upon determination that the message includes the telephone number of the communication terminal.

13. (New) The communication terminal of claim 8, wherein the key information identifies the child program to the management program during the execution of the child program by the processor.

14. (New) The communication terminal of claim 8, wherein the child program is unmanaged by the system program.

15. (New) A computer program product comprising:

computer program code embodied on a computer readable media, wherein the computer program code is executable on a processor in communication with a memory, the computer program code including:

computer program code to write, in a storage area of the memory, key information of a child program being executed with the processor as a function of a system program and a parent program also being executed with the processor, wherein the key information identifies the child program;

computer program code to determine whether a content of a received message includes the key information, wherein the key information includes a byte array and a uniform resource locator address; and

computer program code to write a message received indication in a memory area accessible by the child program based on a determination that the received message includes the key information written in the storage area of the memory.

16. (New) The computer program product of claim 15, wherein the uniform resource locator address identifies a location of the child program on a server.

17. (New) The computer program product of claim 15, wherein the child program is a JAVA application.

18. (New) The computer program product of claim 15, wherein the parent program includes a virtual machine executable to execute run-time instructions; and

wherein the child program includes run-time instructions executable by the virtual machine.

19. (New) The computer program product of claim 15, wherein the system program is executable to manage the parent program; and

wherein the child program is unmanaged by the system program.

20. (New) A method for receiving a message with a communication terminal over a communication network, the method comprising:

managing execution of an application manager and a virtual machine with an operating system, wherein the operating system, application manager, and virtual machine each include computer program code stored in a computer readable media and the computer program code is executable by a processor;

the application manager initiating execution of a run-time executable program by the virtual machine, wherein the run-time executable program includes instructions executable by the virtual machine;

receiving the message from the communication network at the communication terminal;

determining that the message includes an application identifier associated with the application manager and key information associated with the run-time executable program;

in response to determination that the message includes the application identifier and the key information, storing a content included in the message in a memory location accessible by the run-time executable program; and

the run-time executable program receiving an indication from the application manager that the content was stored in the memory location accessible by the run-time executable program.

21. (New) The method of claim 20, wherein the key information includes a byte array and a uniform resource locator address.

22. (New) The method of claim 21, where the uniform resource locator address identifies a location of the run-time executable program on a server in communication with the communication network.

23. (New) The method of claim 20, further comprising:

a server receiving a request for a download of the run-time executable program over the communication network from the communication terminal, wherein the request includes the application identifier and a telephone number of the communication terminal;

the server storing the application identifier in association with the telephone number of the communication terminal and the run-time executable program; and

the server sending the download of the run-time executable program over the communication network to the communication terminal in response to receipt of the application identifier and the telephone number.

24. (New) The method of claim 20, wherein the content includes a trigger, the method further comprising:

the run-time executable program changing execution in response to the trigger.

25. (New) The method of claim 20, wherein the application identifier is uniquely assigned to the application manager within the communication network.

26. (New) The method of claim 20, wherein the run-time executable program is a JAVA based program;

wherein the virtual machine includes a JAVA virtual machine; and

wherein the application manager includes a JAVA application manager.

27. (New) The method of claim 20, wherein the application manager initiating execution of the run-time executable program by the virtual machine further comprises:

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the application manager initiating execution of the run-time executable program based upon receipt of a selection of the run-time executable program from a user interface of the communication terminal.